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UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 180

Washington, D.C. March 1934

# WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

## 1933–34

OFFICE OF EXPERIMENT STATIONS

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Office of Experiment Stations

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# KEY TO ABBREVIATIONS

*Acct.*, Accountant, Accounts.
*Actg.*, Acting.
*Admin.*, Administration, Administrative.
*Agr.*, Agriculture, Agriculturist, Agricultural.
*Agron.*, Agronomy, Agronomist.
*Agt.*, Agent.
*An.*, Animal.
*Anal.*, Analytical, Analysis.
*Anat.*, Anatomy.
*Arch.*, Architect, Architecture, Architectural.
*Assoc.*, Associate, Association.
*Asst.*, Assistant.
*Bact.*, Bacteriology, Bacteriologist.
*Biochem.*, Biochemist, Biochemistry, Biochemical.
*Biol.*, Biology, Biologist, Biological.
*Bldg.*, Building, Buildings.
*Bot.*, Botany, Botanist, Botanical.
*Brdg.*, Breeding.
*Bul.*, Bulletin.
*Chair.*, Chairman.
*Chem.*, Chemistry, Chemist, Chemical.
*Climat.*, Climatology, Climatologist.
*Coll.*, College.
*Comp.*, Comparative.
*Comn.*, Commission.
*Comr.*, Commissioner.
*Consult.*, Consulting.
*Coop.*, Cooperation, Cooperative, Cooperator.
*Corresp.*, Correspondence, Correspondent.
*Dem.*, Demonstration, Demonstrator.
*Dept.*, Department.
*Dir.*, Director.
*Dist.*, District.
*Div.*, Division.
*Dom.*, Domestic.
*Ecol.*, Ecology, Ecologist, Ecological.
*Econ.*, Economy, Economic, Economics, Economist.
*Ed.*, Education.
*Engin.*, Engineer, Engineering.
*Ent.*, Entomology, Entomologist, Entomological.
*Erad.*, Eradication.
*Expt.*, Experiment, Experimentalist, Experimental.
*Ext.*, Extension.
*Fert.*, Fertility, Fertilizer.
*Flor.*, Floriculture, Floriculturist, Floricultural.
*For.*, Forestry, Forester.
*Gard.*, Gardening, Gardener.
*Gen.*, General.
*Geog.*, Geography.
*Geol.*, Geology, Geologist, Geological.
*Grad.*, Graduate.
*Histol.*, Histology, Histologist.
*Hon.*, Honorary.
*Hort.*, Horticulture, Horticulturist, Horticultural.
*Husb.*, Husbandry, Husbandman.
*Hyg.*, Hygiene.
*Illus.*, Illustration, Illustrative.
*Indus.*, Industry, Industrial, Industries.
*Inorg.*, Inorganic.
*Insp.*, Inspection, Inspector.
*Instr.*, Instructor, Instruction.
*Insts.*, Institutes.
*Invest.*, Investigations, Investigational, Investigator.
*Irrig.*, Irrigation, Irrigationist.
*Lab.*, Laboratory.
*Landsc.*, Landscape.
*Lect.*, Lecturer.
*Libr.*, Library, Librarian.
*Mach.*, Machine, Machinery.
*Mech.*, Mechanics, Mechanical.
*Med.*, Medicine, Medical.
*Met.*, Meteorology, Meteorologist.
*Mfg.*, Manufacturing.
*Mfrs.*, Manufacturers.
*Mgr.*, Manager.
*Mgt.*, Management.
*Microbiol.*, Microbiology, Microbiologist.
*Mktg.*, Marketing.
*Morphol.*, Morphology, Morphologist.
*Mycol.*, Mycology, Mycologist.
*Nutr.*, Nutrition, Nutritionist.
*Oler.*, Olericulture, Olericulturist.
*Org.*, Organic.
*Organ.*, Organization, Organizations.
*Ornith.*, Ornithology, Ornithologist.
*Parasitol.*, Parasitology, Parasitologist.
*Path.*, Pathology, Pathologist, Pathological.
*Pedag.*, Pedagogy, Pedagogics.
*Pharm.*, Pharmacy, Pharmacist, Pharmaceutical.
*Pharmacol.*, Pharmacology, Pharmacologist.
*Photog.*, Photography, Photographer.
*Phys.*, Physics, Physical.
*Physiol.*, Physiology, Physiologist, Physiological.
*Phytopath.*, Phytopathology, Phytopathologist Phytopathological.
*P.O.*, Post Office.
*Pomol.*, Pomology, Pomologist, Pomological.
*Pract.*, Practice, Practical.
*Prep.*, Preparatory.
*Pres.*, President.
*Prin.*, Principal.
*Prod.*, Production.
*Prof.*, Professor.
*Pubs.*, Publications.
*Sci.*, Science, Scientist, Scientific.
*Sect.*, Section.
*Secy.*, Secretary.
*Secon.*, Secondary.
*Sociol.*, Sociology, Sociologist.
*Sta.*, Station.
*Subsect.*, Subsection.
*Substa.*, Substation.
*Supt.*, Superintendent.
*Supvr.*, Supervisor.
*Surg.*, Surgery.
*Tech.*, Technology, Technologist, Technical.
*Treas.*, Treasurer.
*Trop.*, Tropical.
*Univ.*, University.
*Veg.*, Vegetable, Vegetation.
*Vet.*, Veterinary, Veterinarian.
*Vit.*, Viticulture, Viticulturist, Viticultural.
*Voc.*, Vocational.
*Zool.*, Zoology, Zoologist, Zoological.

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NOTE.—In the preparation of this publication Miss Agnew was assisted by Betty T. Richardson, of the Office of Experiment Stations.

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A key to the abbreviations used is given on page IV.

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[1] On leave.
[2] For subject-matter workers see the respective division; i.e., agronomy, animal industry, etc.
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Adrian Daane, Ph.D., *Agron.*
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J. R. Neller, Ph.D., *Biochem.*
R. E. Robertson, B.S., *Asst. Soil Chem.*
F. D. Stevens, B.S., *Agron.*
G. R. Townsend, Ph.D., *Assoc. Plant Path.*
North Florida Expt. Sta., *P.O., Quincy*—
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R. M. Crown, B.S., *Asst. Agron.*
R. R. Kincaid, M.A., *Asst. Plant Path.*
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W. M. Fifield, M.S., *Asst. Hort.*
S. O. Hawkins, M.A., *Asst. Plant Path.*

[1] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry and dairying, etc.

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*W. M. King, B.S., *Asst. Prof. Hort. and Landsc Gard.*
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*T. B. McKeithen, M.F., *Instr. For.*
*J. M. Tinker, B.S.F., *Assoc. Prof. For.*
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‡Willie V. Dowdy, B.S., *Ext. Econ. in Home Improvement.*
*Irma M. Hicks, A.M., *Asst. Prof. Home Econ.*

[1] In cooperation with the Georgia experiment station.
[2] For subject-matter workers see the respective division; i.e., agronomy and farm management, animal husbandry, etc.

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‡Rosa McGee, B.S., *Home Improvement Specialist* (*P.O., Tifton*).
‡Frances A. McLanahan, B.S., *Clothing Specialist* (*P.O., Tifton*).
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[2] In cooperation with the College of Agriculture.

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*W. H. Eller, Ph.D., *Asst. Prof. Phys.*
*H. A. Kirkpatrick, Ph.D., *Asst. Prof. Phys.*
*Iwao Miyake, M.S., *Instr. Phys.*

**Sugar Technology**—See **Chemistry.**

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*J. M. Ostergaard, *Instr. Zool.*
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**Miscellaneous:**

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[1] For subject-matter workers see the respective division; i.e., agriculture, botany, etc.

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Sandpoint—J. H. Christ, M.S., *Supt.*
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[1] Courses given in College of Letters and Science.
[2] On leave.
[3] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.

## ILLINOIS

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[1] Courses given in College of Education.
[2] For extension administration in home economics see the subject-matter division. For subject-matter workers in all departments see the respective division; i.e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i.e., agronomy, animal industry, etc.

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[1] For subject-matter workers see the respective division; i.e., agronomy, animal industry, etc.

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‡Estelle Nason, B.S., *State Home Dem. Leader.*
‡L. H. Shibles, A.B., *State Club Leader.*
‡Loana M. Spearin, *Asst. State Club Leader.*

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*C. W. L. Chapman, M.S., *Asst. Prof. For.*
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*Marguerite R. Musgrave, M.A., *Asst. Prof. Home Econ.*
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‡Helen C. Spaulding, B.S., *Clothing Specialist.*
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*Roger Clapp, M.S., *Instr. Hort.*
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**Substations:**
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## MARYLAND

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*†O. C. Bruce, M.S., *Prof. and Assoc. Soil Tech.*
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†H. L. Ayres, *Specialist in Dairy Mfg.*
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**Economics**—See **Farm Management.**

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[1] Courses given in College of Education.
[2] For subject-matter workers see the respective division; i.e., agronomy, animal and dairy husbandry, etc.

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*Agricultural faculty

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## MASSACHUSETTS

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‡G. L. Farley, M.S., *State Club Leader.*
‡E. S. Carpenter, M.S., *Secy.*
‡Tena Bishop, B.S., *Asst. State Club Leader.*
‡Marion E. Forbes, B.S., *Asst. State Club Leader.*
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**Horticulture**—Continued.

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[1] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i.e., animal husbandry, botany and plant pathology, etc.
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*Walker Kinkaid, M.A., *Actg. Prof. Phys.*
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*E. H. Haddock, M.A., *Instr. Phys.*

**Poultry Husbandry:**

*†G. R. Sipe, B.S., *Prof. Poultry Husb.; Poultry Husb.*
‡Eva E. Legett, *Asst. Ext. Poultry Husb.*
*H. D. Polk, M.S., *Instr. Poultry Husb.*
‡J. D. Sykes, B.S., *Ext. Poultry Husb.*

**Veterinary Science:**

*C. B. Cain, D.V.M., M.S., *in charge Vet. Sci.*
*C. E. O'Neal, D.V.M., *Prof. Vet. Sci.* (*State Vet.: P.O., Jackson*).

**Zoology and Entomology:**

*†Clay Lyle, M.S., *Prof. Zool. and Ent.; Chief Ent.*
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*M. R. Smith, Ph.D., *Assoc. Prof. Zool. and Ent.*
*E. W. Stafford, M.S., *Assoc. Prof. Zool. and Ent.*
*J. W. Ward, M.S., *Instr. Zool.*

**Miscellaneous:**

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*††T. M. Robinson, B.S., *Secy. and Purchasing Agt.*

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Rowland Cowart, Ph.D., *Soils Specialist.*
E. A. Currey, M.S., *Hort. Expts.*
Roy Kuykendall, B.S., *Fert. and Weed Control Expts.*
W. C. McGee, *Farm Supt.*
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‡B. J. Ross, B.S., *County Agr. Ext. Agt.*
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*J. B. Wright, B.S., *Asst. Prof. Agr. Ed.*

[1] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.

## MISSOURI

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‡T. A. Ewing, B.S., *Ext. Asst. Prof. An. Husb.*
†H. D. Fox, M.A., *Asst. in An. Husb.*
*†A. G. Hogan, Ph.D., *Prof. An. Nutr.*
†S. R. Johnson, M.S., *Research Asst. in An. Husb.*
*†F. F. McKenzie, Ph.D., *Asst. Prof. An. Husb. (Coop. U.S.D.A.).*
*†H. C. Moffett, A.M., *Instr. An. Husb.*
*†L. A. Weaver, B.S., *Prof. An. Husb. Actg. Chair. of Dept.*

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*†W. J. Robbins, Ph.D., *Prof. Bot. Dean of Grad. School.*
*W. E. Maneval, Ph.D., *Asst. Prof. Bot*
*E. E. Naylor, Ph.D., *Asst. Prof. Bot.*
*H. W. Rickett, Ph.D., *Assoc. Prof. Bot.*

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†R. V. Boucher, Ph.D., *Asst. in Agr. Chem.*
*Sidney Calvert, A.M., *Prof. Org. Chem.*
*†E. W. Cowan, A.M., *Instr. Agr. Chem.*
*†L. D. Haigh,[2] Ph.D., *Assoc. Prof. Agr. Chem.*
†L. R. Richardson, Ph.D., *Asst. in Agr. Chem.*
*†W. S. Ritchie, Ph.D., *Asst. Prof. Agr. Chem.*
*Herman Schlundt, Ph.D., *Prof. Phys. Chem.*

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*†C. H. Hammar, Ph.D., *Asst. Prof. Agr. Econ.*
‡D. B. Ibach, M.S., *Ext. Asst. Prof. Agr. Econ.*
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‡Essie M. Heyle, A.M., *in charge Home Dem. Ext.*
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‡J. F. Nicholson, M.S., *State Ext. Agt.*

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*†Bertha Bisbey, Ph.D., *Assoc. Prof. Home Econ.*
‡Flora L. Carl, M.A., *Ext. Asst. Prof. Home Econ.*
‡I. Fra Clark, A.M., *Ext. Asst. Prof. Home Econ. (Home Mgt.).*
*†Jessie A. Cline, A.M., *Prof. Home Econ.*
*†Jessie V. Coles, Ph.D., *Assoc. Prof. Home Econ.*

[1] This institution gives the academic title to all employees.
[2] On leave.
[3] For subject-matter workers see the respective division; i.e., animal husbandry, botany, etc.

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*Mrs. Minerva V. Grace, M.S., *Asst. Prof. Home Econ.*
‡Essie M. Heyle, A.M., *Prof. in charge Home Econ. Ext.*
*Minnie L. Irons, M.A., *Prof. Home Econ. Ed.*
‡Mary E. Robinson, A.M., *Ext. Assoc. Prof. Home Econ.* (*Clothing*).
‡Julia M. Rocheford, Pe.P., *Ext. Asst. Prof. Home Econ.* (*Home Mgt.*).
*Mary I. Schell, A.M., *Asst. Prof. Home Econ.*
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*†A. E. Murneek, Ph.D., *Assoc. Prof. Hort.*
*†H. G. Swartwout, M.A., *Asst. Prof. Hort.*
*†C. G. Vinson, Ph.D., *Prof. Hort.*

**Physics:**
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*O. M. Stewart, Ph.D., D.Sc., *Prof. Phys.*
*R. T. Dufford, Ph.D., *Asst. Prof. Phys.*
*H. E. Hammond, Ph.D., *Asst. Prof. Phys.*

**Poultry Husbandry:**
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‡Berley Winton, A.M., *Ext. Assoc. Prof. Poultry Husb.*

**Sociology (Rural):**
*†E. L. Morgan, Ph.D., *Prof. and Chair. of Dept.*
*†L. G. Brown, Ph.D., *Asst. Prof. Rural Sociol.*

**Sociology (Rural)**—Continued.
*†W. H. Burr,[1] A.M., *Prof. Rural Sociol.*
*†A. S. Emig, Ph.D., *Prof. Sociol.*

**Soils:**
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*†W. A. Albrecht, Ph.D., *Prof. Soils.*
*†L. D. Baver, Ph.D., *Asst. Prof. Soils.*
‡O. T. Coleman, B.S., *Ext. Asst. Prof. Soils.*
*†Hans Jenny, D.Sc., *Asst. Prof. Soils.*
*†H. H. Krusekopf, A.M., *Prof. Soils.*

**Veterinary Science:**
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†O. S. Crisler, D.V.M., *Supt. Hog-Cholera Serum Lab.*
*†Cecil Elder, D.V.M., M.S., *Prof. Vet. Sci.*
†H. C. McDougle, A.M., *Research Asst. in Vet. Sci.*
*‡P. L. Piercy, D.V.M., *Instr. Vet. Sci.*
*†A. W. Uren, D.V.M., *Asst. Prof. Vet. Sci.*

**Zoology:**
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*Rudolf Bennitt, Ph.D., *Assoc. Prof. Zool.*
*J. A. Cameron, A.M., *Instr. Zool.*
*Mary J. Guthrie, Ph.D., *Assoc. Prof. Zool.*
*Suzanne G. Smith, A.M., *Instr. Zool.*
*F. H. Woods, Ph.D., *Asst. Prof. Zool.*

**Miscellaneous:**
†J. F. Barham, *Photog.*
*Leslie Cowan, B.S. in C.E., *Secy.*
*†Jane Frodsham, *in charge Agr. Libr.*
*‡J. R. Jordan, *Auditor.*
*†R. B. Price, LL.B., *Treas.*
*†S. B. Shirky, A.M., *Supt. Short Courses, Asst. to Dean and to Dir. of Sta.*
†Leon Waughtal, *Asst. Photog.*

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*D. A. Edwards, M.S., *Asst. Prof. Phys.*
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*Thelma E. Hawkins, M.S., *Asst. Prof. Biol.*
*A. A. Kildare, A.M., *Phys.*
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[1] On leave.

## MONTANA

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†William DeYoung, A.M., *Asst. Agron. (Soil Survey).*
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*†A. H. Post, M.S., *Assoc. Prof. and Assoc. Agron.*
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**Animal Husbandry:**

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‡I. M. C. Anderson, B.S., *Livestock Specialist.*
†Frank Barnum, B.S., *Asst. An. Husb.*
‡Harriette E. Cushman, B.S., *Poultry Specialist.*
†W. F. Dickson, M.S., *Asst. An. Husb.*
*R. H. Miller, M.S., *Asst. Prof. An. Husb.*
*‡J. O. Tretsven, M.S., *Assoc. Prof. An. Husb., Dairy Specialist.*

**Botany and Bacteriology:**

*†D. B. Swingle, Ph.D., *Head of Dept.*
*F. B. Cotner, Ph.D., *Prof. Bot. and Bact.*
††H. E. Morris, M.S., *Bot. and Bact.*
*†P. A. Young, Ph. D., *Asst. Prof. and Asst. Bot.*

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†Edmund Burke, B.S., *Head of Sta. Dept. and Met.*
*O. E. Sheppard, Ph.D., *Head of Coll. Dept. (State Chem.).*
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*P. C. Gaines, M.S., *Asst. Prof. Chem.*
†J. R. Green, M.S., *Asst. Chem.*
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†W. M. Martin, Ph.D., *Assoc. Chem.*
*R. M. Melaven, Ph.D., *Asst. Prof. Chem.*

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**Engineering (Agr.):**

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‡C. E. Potter, B.S., *State Club Leader.*
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†Jessie E. Richardson, Ph.D., *Head of Research Home Econ.*
*Iva C. Blosser, M.S., *Instr. Home Econ.*
*Bertha Clow, M.S., *Asst. Prof. Home Econ.*
*F. Louise Keller, M.S., *Asst. Prof. Home Econ. Ed.*
*Mildred J. Leigh, M.S., *Instr. Home Econ.*
†Mrs. Helen L. Mayfield, M.S., *Asst. in Research Home Econ.*
‡Josephine Pollock, M.A., *Clothing Specialist.*
*Edith Rhyne, M.A., *Asst. Prof. Home Econ.*
‡S. Frances Smith, B.S., *Nutr. Specialist.*
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*‡Louis True, B.S., *Asst. Editor.*

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†W. D. Hay, M. S., *Seed Analyst and Lab. Asst*

**Miscellaneous:**

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Northern Mont. Branch Sta., *P.O., Havre*—
G. W. Morgan, B.S., *Supt. (Coop. U.S. D.A.).*
M. A. Bell, M.S., *Asst. Agron.*

[1] On leave.
[2] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.

## NEBRASKA

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*†A. L. Frolik, M.S., *Instr. Agron.; Asst. in Crops.*
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‡D. L. Gross, M.S., *Asst. Ext. Agron.*
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†W. E. Lyness, M.S., *Asst. Agron. and Supt. Agron. Farm.*
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[1] For subject matter workers see the respective division; i.e., animal husbandry, bacteriology, etc.
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[1] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.
[2] Courses given in School of General Science.

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†J. O. Halverson, Ph.D., *in charge An. Nutr. Research.*
*†E. H. Hostetler, M.S., M.Agr., *Prof. An. Husb.; in charge Beef Cattle, Sheep, and Swine Invest.*
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‡W. W. Shay, *Swine Husb. Specialist.*
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*D. B. Anderson, Ph.D., *Assoc. Prof. Bot.*
*†R. F. Poole, Ph.D., *Prof. Plant Path.; Plant Path.*
*I. V. D. Shunk, Ph.D., *Assoc. Prof. Bot.*
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**Chemistry:**[2]

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*H. L. Caveness, A.M., *Asst. Prof. Chem.*
*A. D. Jones, M.A., *Asst. Prof. Chem.*
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**Economics (Agr.) and Rural Sociology**—Contd.

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**Entomology**—See **Zoology.**

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‡L. R. Harrill, M.S., *State Club Leader.*
‡C. R. Hudson, M.S., *State Agt. in charge Negro Work.*

**Forestry:**

*J. V. Hofmann, M.F., Ph.D., *Head of Dept.*
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**Horticulture:**

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**Physics:**[2]

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**Poultry Science:**

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[1] Under jurisdiction of the commissioner of agriculture (*Post office, Raleigh*), cooperating with the station in research.
[2] Courses given in School of Science.
[3] Courses given in School of Education.
[4] For subject-matter workers see the respective division; i.e., agronomy, anima lindustry, etc.

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Bryan Harris, *Foreman.*

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Charles Dearing, B.S., *Asst. Dir.* (*Coop. U.S.D.A.*).
C. O. Bollinger, *Poultryman.*
T. H. Cameron, *Dairy Herdsman.*
D. P. Southerland, *Foreman.*
Mountain Branch Sta., *P.O., Swannanoa*—
S. C. Clapp, *Asst. Dir.*
H. B. Coulter, *Dairy Herdsman.*
G. K. Jones, *Poultryman.*
W. M. Whisenhunt, *Foreman.*
Piedmont Branch Sta., *P.O., Statesville*—
J. W. Hendricks, *Asst. Dir.*
Tobacco Branch Sta., *P.O., Oxford*—
E. G. Moss, *Asst. Dir.* (*Coop. U.S.D.A.*).
James Bullock, *Asst. Tobacco Specialist* (*Coop. U.S.D.A.*).
A. B. Dean, *Foreman.*
Upper Coastal Plain Branch Sta., *P.O., Rocky Mount*—
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*B. H. Crutcher, M.S., *Prof. Dairying and Bact.*
*C. E. Dean, M.S., *Prof. Agr. Ed.*
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*L. H. Knox, M.S., *Prof. Agr. Chem.*
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‡J. W. Mitchell, B.S., *State Farm Dem. Agt.*
‡Annie M. Murray, *State Home Dem. Agt.*
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†Thomas Sanderson, *Miller.*
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**Economics (Agr.):**
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*†T. W. Johnson, M.S., *Instr. Journalism; Asst. Agr. Editor.*

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†Dorothy Berrigan, B.S., *Asst. in Home Econ.*
‡Julia E. Brekke, M.A., *Clothing Specialist.*
‡Ruth M. Dawson, M.S., *Foods and Nutr. Specialist.*
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*Dorothy L. Hatch, B.S., *Assoc. Prof. Art and Design.*
*Lucille Horton, M.S., *Assoc. Prof. Home Econ. Ed.*
‡Inez J. LaBossier, B.S., *Clothing Specialist.*
†Esther Latzke, M.S., *Research Specialist in Home Econ.*
*Adelaide Laurie, M.S., *Instr. Clothing and Textiles.*
*Constance Leeby, M.A., *Instr. Home Econ.*
‡Viola C. Meints, M.S., *Home Mgt. Specialist.*
*Elvira T. Smith, M.A., *Prof. Foods and Nutr.*
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†Ole Grottodden, B.S., *Asst. Hort.*
‡John Taylor, *Ext. For.* (*P. O., Bottineau*).
*†A. F. Yeager, M.S., *Prof. Hort.; Hort.*

**Poultry Husbandry:**
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‡F. E. Moore, M.S., *Ext. Poultryman.*

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**Miscellaneous:**
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**Substations:**
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R. W. Smith, M.S., *Assoc. Agron.* (*Coop. U.S.D.A.*).
Edgeley—O. A. Thompson, B.S., *Supt.*
Hettinger—C. H. Plath, M.S., *Supt.*
Langdon—
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## OHIO

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‡H. C. Ramsower, B.S., Ed. D., *Dir. of Agr. Ext.*
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*H. W. Nisonger, A.M., *Junior Dean Coll. of Agr.*
*T. G. Watson, M.S., *Secy. Coll. of Agr.*

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*H. W. Batchelor, B.S., *Asst. Prof. Soils.*[2]
*Richard Bradfield, Ph.D., *Prof. Soils.*[2]
*G. W. Conrey, Ph.D., *Assoc. Prof. Soils.*[2]
*‡D. R. Dodd, Ph.D., *Assoc. Prof. Agron.*[2]
‡Earl Jones, M.S., *Ext. Agron.*
*‡R. D. Lewis, Ph.D., *Assoc. Prof. and Specialist in Farm Crops.*
*G. M. McClure, M.S., *Asst. Prof. Agron.*[2]
*‡F. J. Salter, Ph.D., *Asst. Prof. Agron.*
‡J. A. Slipher, B.S., *Ext. Agron.*
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**Animal Husbandry:**
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‡Oscar Erf, B.S., *in charge of Advanced Registry.*
*E. E. Heizer, Ph.D., *Instr. An. Husb.*
*D. J. Kays, B.S., *Prof. An. Husb.*
*L. E. Kunkle, M.S., *Instr. An. Husb.*
‡L. P. McCann, M.S., *An. Husb. Specialist.*
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**Botany:**
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*W. H. Camp, Ph.D., *Instr. Bot.*
*R. B. Gordon, Ph.D., *Instr. Bot.*
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[1] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.
[2] See also experiment station staff.

**Botany**—Continued.
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*H. C. Sampson, Ph.D., *Prof. Bot.*
*J. H. Schaffner, M.S., *Research Prof. Bot.*
*W. G. Stover, Ph.D., *Prof. Bot.*
*L. H. Tiffany, Ph.D., *Prof. Bot.*
*A. E. Waller, Ph.D., *Assoc. Prof. Bot.*

**Chemistry (Agr.):**
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*R. C. Burrell, Ph.D., *Assoc. Prof. Agr. Chem.*

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*L. G. Foster, A.M., *Assoc. Prof. Rural Econ*
‡C. W. Hammans, M.S., *Mktg. Specialist.*
*C. W. Hauck, M.S., *Asst. Prof. Rural Econ.*[1]
*G. F. Henning, Ph.D., *Asst. Prof. Rural Econ.*
*C. E. Lively, Ph.D., *Assoc. Prof. Rural Econ.*[1]
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*‡R. C. Miller, B.S., A.E., *Prof. Agr. Engin. and Agr. Engin. Specialist.*[1]
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‡J. P. Schmidt, B.S., *Supvr. of Insts.*
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‡Hulda E. Horst, M.A., *Asst. State Club Leader.*
‡Adele Koch, A.M., *Asst. State Home Dem. Leader.*
‡C. C. Lang, B.S., *Asst. State Club Leader.*
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‡G. R. Eastwood, M.S., *Dist. Supvr.*
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‡Edna M. Callahan, M.A., *Clothing Specialist.*
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*Osee Hughes, M.S., *Instr. Home Econ.*
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*Mrs. June F. Kennedy, M.A., *Asst. Prof. Home Econ.*
*Hughina McKay, M.A., *Prof. Home Econ.*[1]
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[1] See also experiment station staff.
[2] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.

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Southwestern Expt. Farm, *P.O., Germantown*—H. M. Wachter, *Supt.*
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Clermont County Expt. Farm, *P.O., Batavia*—H. S. Elliot, *Supt.*
Hamilton County Expt. Farm, *P.O., Mt. Healthy*—W. E. Weaver, *Supt.*
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Muck Crops Expt. Farm, *P.O., McGuffey*—Harry Obenour, *Foreman.*
Paulding County Expt. Farm, *Paulding*—R. C. Beatty, *Foreman* (*P.O., Wooster*).
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*H. W. Orr, D.V.M., M.S., *Prof. Bact. and Vet. Med.*
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*O. C. Schultz, B.S., *Assoc. Prof. Bot. and Plant Path.*
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[1] For subject-matter workers see the respective division; i.e., animal industries, etc.

## PENNSYLVANIA

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[1] This institution gives the academic title to all employees.
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‡H. E. Daniels, B.S., *Supvr. Agr. Ext. Work.*
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*E. J. Ferguson Jr., A.M., *Prof. Biol.*
*J. N. Freeman, M.S., *Prof. An. Husb.*
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‡Mattie E. Pegues, B.S., *Itinerant Teacher Trainer* (*Home Econ.*).
*S. M. Pinckney, B.S., *Assoc. Prof. Field Crops.*
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[1] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.

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[1] On leave.
[2] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.

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‡T. F. Joyce, Jr., B.S., *Asst. Farm Mgt. Specialist* (*P.O., Nashville*).
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‡G. L. Herrington, B.S., *Boys' Club Leader.*

[1] On leave.
[2] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.

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†E. M. Henry, B.S., *Asst. Hort.*
*Otha Ogle, *Foreman of Fruit Farm.*
‡W. C. Pelton, M.S., *Hort. Specialist.*
‡G. B. Shivery, B.S., M.F., *Farm For. Specialist.*
†C. R. Spangler, *Asst. in Hort.*
*A. B. Strand, M.S., *Instr. Hort.*

**Veterinary Science:**

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**Zoology:**

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*G. A. Canning, Ph.D., *Asst. Prof. Zool.*
*Thressa A. Hickman, A.M., *Instr. Zool.*
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**Miscellaneous:**

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Middle Tenn. Expt. Sta., *P.O., Columbia*—L. R. Neel, B.S., *Supt.*
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†P. C. Mangelsdorf, Sc.D., *Agron.* (*Corn and Small Grain*).
†G. T. McNess, *Supt. Agron. Farm.*
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*D. W. Williams, M.S., *Head Prof. An. Husb.*

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*C. N. Shepardson, M.S., *Head Prof. Dairy Husb.*
†Fred Hale, M.S., *Chief Div. of Swine Husb.*
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†S. P. Davis, *Wool Grader.*
‡E. R. Eudaly, B.S., *Ext. Dairy Husb.*
‡E. N. Holmgreen, B.S., *Ext. Poultry Husb.*
†‡J. H. Jones, B.S., *Agt. in An. Husb.* (*Coop. U.S.D.A.*).
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*T. R. Hamilton, M.S., *Assoc. Prof. Accounting and Statistics.*
*R. L. Hunt, M.S., *Asst. Prof. Mktg. and Finance.*
†A. C. Magee, M.S., *Asst. in Farm Mgt. (Coop. U.S.D.A.: P.O., Lubbock).*
††W. R. Nisbet, B.S., *Asst. in Range Mgt. (Coop. U.S.D.A.: P.O., Sonora).*
*L. S. Paine, M.A., *Assoc. Prof. Agr. Econ.*
†W. E. Paulson, Ph.D., *Mktg. Research Specialist.*
*O. A. Weinke, M.S., *Assoc. Prof. Accounting and Statistics.*

**Editorial**—See **Publications.**

**Education (Agr.):** [1]

*C. H. Winkler, Ph.D., *Dean School of Voc. Teaching, Head Prof. Agr. Ed.*
*W. L. Hughes, M.S., *Head Prof. Rural Ed.*
*E. R. Alexander, M.S., *Prof. Agr. Ed.*
*J. C. Dykes, B.S., *Prof. Agr. Ed.*

**Education (Agr.)**—Continued.

*W. R. Sherrill, B.S., *Instr. Agr. Ed.*
*G. B. Wilcox, M.A., *Prof. Rural Ed.*

**Engineering (Agr.):**

†H. P. Smith, M.S., *Chief Div. of Agr. Engin.*
*Daniels Scoates, B.S., A.E., *Head Prof. Agr. Engin.*
‡M. R. Bentley, B.S., *Ext. Agr. Engin.*
*F. R. Jones, M.S. *Assoc. Prof. Agr. Engin.*
*M. F. Thurmond, M.S., *Assoc. Prof. Agr. Engin.*

**Entomology:**

†F. L. Thomas, Ph.D., *Chief Div. of Ent. (State Ent.).*
*S. W. Bilsing, Ph.D., *Head Prof. Ent.*
†H. B. Parks, B.S., *Chief Div. of Apiculture (P.O., San Antonio).*
†A. H. Alex, B.S., *Queen Breeder (P.O., San Antonio).*
†F. F. Bibby, B.S., *Ent.*
†C. J. Burgin, B.S., *Asst. Foulbrood Insp.*
†E. W. Dunnam, Ph.D., *Ent. (Coop. U.S. D.A.).*
†F. A. Fenton, Ph.D., *Senior Ent. (Coop. U.S.D.A.: P.O., Presidio).*
†R. K. Fletcher, Ph.D., *Ent.*
†J. C. Gaines, Jr., M.S., *Ent.*
†C. E. Heard, B.S., *Chief Foulbrood Insp.*
*H. G. Johnston, M.S., *Asst. Prof. Ent.*
†S. E. Jones, M.S., *Ent.*
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†R. W. Moreland, B.S., *Asst. Ent. (Coop. U.S.D.A.).*
†W. L. Owen, Jr., M.S., *Ent. (P.O., Presidio).*
†H. J. Reinhard, B.S., *Ent.*
‡R. R. Reppert, B.S., *Ext. Ent.*
†J. N. Roney, M.S., *Ent. (P.O., Dickinson).*
‡L. C. Whitehead, B.S., *Rodent Control Leader (Coop. U.S.D.A.: P.O., San Antonio).*

**Extension (Admin.):** [2]

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‡H. H. Williamson, B.S., *Vice Dir. and State Agt.*
‡E. C. Martin, B.S., *State Boys' Club Agt.*
‡Mildred F. Horton, *State Home Dem. Agt.*
‡Bess Edwards, B.S., *Asst. State Home Dem. Agt.*

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†F. D. Fuller, M.S., *Chief.*
†James Sullivan, *Asst. Chief.*
†K. L. Kirkland, B.S., *Insp.*
†P. A. Moore, *Insp.*
†S. D. Pearce, *Secy.*
†S. D. Reynolds, Jr., *Insp.*
†J. H. Rogers, *Insp.*
†H. G. Wickes, B.S., D.V.M., *Insp.*
†E. J. Wilson, B.S., *Insp.*

**Forestry:** [3]

*E. O. Siecke, B.A., B.S.F., *Dir. and State For.*
*R. F. Balthis, B.S.F., M.S., *Asst. State For.*
*I. C. Burroughs, M.F., *Asst. Chief Div. For. Protection (P.O., Lufkin).*
*I. H. Jones, B.S.F., *Asst. For. Div. For. Protection (P.O., Lufkin).*
*‡C. W. Simmons, M. F., *Farm For.*
*C. B. Webster, B.S.F., *Chief Div. For. Mgt.*
*W. E. White, B.S., *Chief Div. Forest Protection (P.O., Lufkin).*

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*C. B. Godbey, M.S., *Assoc. Prof. Genetics.*
*W. R. Horlacher, Ph.D., *Prof. Genetics.*

**Geology:**

*J. T. Lonsdale, Ph.D., *Head Prof. Geol.*
*F. A. Burt, M.S., *Assoc. Prof. Geol.*
*H. B. Stenzel, Ph.D., *Asst. Prof. Geol.*

**Home Economics:**

†Jessie Whitacre, Ph.D., *Chief Div. of Rural Home Research.*

[1] Courses given in School of Vocational Teaching.
[2] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.
[3] Texas Forest Service.

**Home Economics**—Continued.

‡Mrs. Dora R. Barnes, M.S., *Ext. Specialist in Clothing.*
‡Mrs. Maggie W. Barry, M.A., *Ext. Sociol. (Rural Women's Organ.).*
‡Lola Blair, B.S., *Ext. Nutr.*
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‡Zetha McInnis, B.S., *Ext. Specialist in Home Indus.*

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*F. R. Brison, M.S., *Assoc. Prof. Hort.*
‡Onah Jacks, B.S., *Ext. Landsc. Gard.*
*N. M. McGinnis, B.S., *Prof. Landsc. Art.*
‡J. F. Rosborough, B.S., *Ext. Hort.*

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†J. J. Taubenhaus, Ph.D., *Chief of Div.*
†W. N. Ezekiel, Ph.D., *Plant Path.*
†L. B. Loring, M.S., *Asst. Plant Path.*

**Publications:**

†A. D. Jackson, *Chief of Div.*
‡Mrs. Minnie F. Cunningham, Ph.G., *Assoc. Ext. Editor.*
‡W. H. Darrow, B.S., *Ext. Editor.*

**Soil Survey:**

†W. T. Carter, B.S., *Chief of Div.* (*Coop. U.S.D.A.*).
†A. H. Bean, B.S., *Soil Surveyor.*
†M. W. Beck, B.S., *Soil Surveyor* (*Coop. U.S.D.A.*).
†R. M. Marshall, B.S., *Soil Surveyor.*
†H. M. Smith, B.S., *Soil Surveyor* (*Coop. U.S.D.A.*).
†E. H. Templin, B.S., *Soil Surveyor.*

**Veterinary Medicine:**

*†Mark Francis, D.V.M., LL.D., *Dean School of Vet. Med., Head Prof. Vet. Anat.; Chief Div. of Vet. Sci.*
*R. P. Marsteller, D.V.M., *Head Prof. Vet. Med. and Surg.*
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*R. C. Dunn, D.V.M., *Prof. Vet. Med. and Surg.*
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†J. B. Mims, D.V.M., *Asst. Vet.*
*A. E. Wharton, D.V.M., *Assoc. Prof. Vet. Path.*

**Miscellaneous:**

†Howard Berry, B.S., *Tech. Asst.*
†J. K. Francklow, *Asst. Chief Clerk.*
†Chester Higgs, *Executive Asst.*
†M. P. Holleman, *Chief Clerk.*

**Miscellaneous**—Continued.

*T. F. Mayo, M. A., *Libr.*
†Clarice Mixson, B.A., *Secy.*

**Substations:**

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Balmorhea (No. 9)—
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Beaumont (No. 4)—
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H. M. Beachell, B.S., *Junior Agron.* (*Coop. U.S.D.A.*).
Beeville (No. 1)—
R. A. Hall, B.S., *Supt.*
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J. R. Quinby, B.S., *Supt.* (*Coop. U.S. D.A.*).
J. C. Stephens, M.A., *Asst. Agron.* (*Coop. U.S.D.A.*).
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I. M. Atkins, B.S., *Junior Agron.* (*Coop. U.S.D.A.*).
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Frank Gaines, *Irrig. and For. Nurseryman.*
Nacogdoches (No. 11)—
H. F. Morris, M.S., *Supt.*
Sonora (No. 14)—
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O. G. Babcock, B.S., *Asst. Ent.* (*Coop. U.S.D.A.*).
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O. L. Carpenter, *Shepherd.*
V. L. Cory, M.S., *Grazing Research Bot.*
W. T. Hardy, D.V.M., *Vet.*
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B. C. Langley, M.S., *Agron.*
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H. O. Hill, B.S., *Junior Engin. in Soil Erosion* (*Coop. U.S.D.A.*).
H. E. Rea, B.S., *Agron.* (*Cotton Root Rot Invest.*).
C. H. Rogers, Ph.D., *Plant Path.* (*Cotton Rot Invest.*).
S. E. Wolff, M.S., *Bot.* (*Cotton Root Rot Invest.*).
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R. W. Baird, M.S., *Assoc. Agr. Engin.* (*Coop. U.S.D.A.*).
B. H. Hendrickson, B.S., *Sci. in Soil Erosion* (*Coop. U.S.D.A.*).
Weslaco (No. 15)—
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W. J. Bach, M.S., *Plant Path.* (*Cotton Root Rot Invest.*).
S. W. Clark, B.S., *Ent.*
J. F. Wood, B.S., *Hort.*
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L. R. Hawthorn, M.S., *Hort.* (*Coop. U.S. D.A.*).

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*J. M. Alexander, M.S., *Prof. An. Husb.*
*Essie J. Anderson, A.M., *Assoc. Prof. Dom. Sci.*
*O. J. Baker, B.S., *Libr.*
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*Alda J. Fortune, B.S., *Asst. Libr.*
*W. R. Harrison, M.S., *Asst. Prof. Rural Sociol.*
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*Mrs. A. L. Ross, M.S., *Dom. Sci.*
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*Harrison Watson, *Farm Supt.*
*I. P. Wright, M.S., *Assoc. Prof. Voc. Ed.*

## UTAH

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†P. V. Cardon, M.S., *Dir. of Expt. Sta.*
‡William Peterson, B.S., *Dir. of Ext. Div.*
*††E. J. Maynard, M.S., *Dean Schools of Agr. and For.*

**Agronomy and Soils:**
*†R. J. Evans, Ph.D., *Prof. Agron.; Agron.*
*A. F. Bracken, M.A., *Asst. Prof. Agron. (P.O., Nephi).*
†D. S. Jennings, Ph.D., *in charge Soils Invest.*
‡J. C. Hogenson, M.S., *E t. Agron.*
*†D. W. Pittman, M.S., *Prof. Soils; Assoc. Agron.*
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**Animal Husbandry:**
*††E. J. Maynard, M.S., *Prof. An. Husb.; An. Husb.*
*B. L. Dryden, M.S., *Asst. in An. Husb.*
*††A. C. Esplin, B.S., *Asst. Prof. Wool Mgt.; Assoc. An. Husb.*
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*†K. R. Stevens, Ph.D., *Asst. Prof. and Asst. Bact.*

**Botany and Plant Pathology:**
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†H. L. Blood, Ph.D., *Plant Path. (Coop. U.S. D.A.).*
*Bassett Maguire, B.S., *Asst. Prof. Bot.*
*†F. B. Wann, Ph.D., *Assoc. Prof. and Assoc. Plant Physiol. (Coop. U.S.D.A.).*

**Chemistry:**
*†R. L. Hill, Ph.D., *Prof. Chem.; Human Nutr.*
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**Dairy Husbandry:**
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*††W. P. Thomas, M.S., *Prof. Agr. Econ.; Agr. Econ.*
*†J. A. Geddes, Ph.D., *Prof. Sociol.; Assoc. Rural Sociol.*
*W. L. Wanlass, Ph.D., *Prof. Agr. Econ. and Mktg.*
*W. U. Fuhriman, M.S., *Assoc. Prof. Agr. Econ.*
‡C. O. Stott, M.S., *Ext. Econ., Farm Mgt.*

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**Entomology**—See **Zoology.**

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‡D. P. Murray, B.S., *State Boys' and Girls' Club Specialist.*
‡Myrtle Davidson, B.S., *Asst. State Boys' and Girls' Club Specialist.*

**Forestry and Range:**
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*†R. J. Becraft, M.S., *Assoc. Prof. in charge Range Mgt.*
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**Home Economics:**
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‡Ellen Agren, B.S., *Clothing Specialist.*
‡Mrs. Effie S. Barrows, B.S., *Ext. Econ., Home Mgt.*
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*Frances Kelly, M.S., *Asst. Prof. Foods.*
‡Elna Miller, M.S., *Ext. Nutr.*

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*†A. L. Wilson, Ph.D., *Assoc. Prof. Hort. and Gard.; Assoc. Hort.*

**Physics:**
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*†Willard Gardner, Ph.D., *Prof. Phys.; Physicist.*

**Poultry Husbandry:**
*††Byron Alder, B.S., *Prof. Poultry Husb.; Poultryman.*
‡Carl Frischknecht, M.S., *Asst. Ext. Poultryman.*

[1] For subject-matter workers see the respective division; i.e., agronomy and soils, animal husbandry, etc.

**Veterinary Science:**
*H. J. Frederick, D.V.M., *Prof. Vet. Sci.*
*†D. E. Madsen, D.V.M., *Prof. Vet. Sci.; An. Path.*

**Zoology and Entomology:**
*†W. W. Henderson, Ph.D., *Prof. Zool. and Ent.; Ent.*
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†C. J. Sorenson, M.S., *Assoc. Ent.*
*J. S. Stanford, Ph.D., *Asst. Prof. Zool. and Ent.*

**Miscellaneous:**
*†‡R. E. Berntson, *Secy. and Purchasing Agt.*
†D. A. Burgoyne, B.S., *Sta. Secy.*

**Miscellaneous**—Continued.
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*Hattie Smith, *Asst. Libr.*

**Substations:**
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Panguitch Livestock Substa., *P.O., Panguitch*—B. F. Hulme, B.S., *Supt.*
Uintah Basin Substa., *P.O., Fort Duchesne*—J. W. Carlson, M.Agr., *Supt.*

## VERMONT

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†V. L. Weiser, M.S., *Asst. Agron.*

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†O. M. Camburn, M.S., *Assoc. An. and Dairy Husb.*
*†M. H. Campbell, Ph.D., *Prof. Dairy Prod.; Assoc. An. and Dairy Husb.*
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*‡L. M. Greene, M.S., *Instr. Poultry Husb., Poultry Lab. Technician.*
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‡E. H. Loveland, A.M., *Ext. Dairyman.*
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*R. W. Smith, Jr., M.S., *Prof. Dairy Mfg.*

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*†G. P. Burns, Ph.D., *Prof. Bot.; Bot.*
*†B. F. Lutman,[1] Ph.D., *Prof. Plant Path.; Plant Path.*
*E. J. Dole, Ph.D., *Assoc. Prof. Bot.*
*†Alexander Gershoy, B.S., *Instr. and Asst. Bot.*
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†Mrs. Anna S. Lutman, Ph.D., *Seed Analyst.*
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*†Winona E. Stone, M.S., *Instr. and Asst. Bot.*

**Chemistry:**
*A. B. Willmarth, M.S., *Asst. Prof. in charge Agr. Chem.*
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†F. J. Brisson, *Asst. Chem.*
†E. F. Boyce, B.S., *Asst. Chem. (Regulatory).*
†Mrs. Jennie R. Bradlee, B.S., *Asst. Chem.*
†J. B. Vander, B.S., *Asst. Chem.*
†L. S. Walker, B.S., *Chem. (Regulatory).*

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†J. A. Hitchcock, M.S., *Agr. Econ.*
‡R. D. Aplin, M.S., *Ext. Econ., Mktg.*
*S. W. Williams, B.S., *Instr. Farm Mgt.*

**Editorial:**
‡L. W. Dean, A.B., *Editor.*

**Education (Agr.):**
*K. J. Sheldon, A.M., *Assoc. Prof. Agr. Ed.*

**Engineering (Agr.):**
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‡E. L. Ingalls, A.B., *State Club Leader.*
‡Martha E. Leighton, B.S., *Asst. State Club Leader.*
‡Marjorie E. Luce, B.S., *State Home Dem. Leader.*

**Forestry:**
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‡J. G. Weir, B.S., *Ext. For.*

**Home Economics:**
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†Marianne Muse, M.S., *in charge Home Econ. Research.*
‡Lillian V. Anderson, B.S., *Nutr. and Clothing Specialist.*
*Florence E. Bailey, M.S., *Asst. Prof. Home Econ.*
*Alice E. Blundell, M.S., *Asst. Prof. Home Econ.*
‡Mrs. Charlotte P. Brooks, B.S., *Home Mgt. Specialist.*
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†Margaret Liston, M.A., *Asst. in Home Econ. Research.*
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*†R. G. Dunning, B.S., *Gardener.*
†E. W. Jenkins, M.S., *Asst. Hort.*

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*Cornelia H. Collier, A.M., *Instr. Zool.*
*L. S. Rowell, M.S., *Asst. Prof. Zool.*

[1] On leave.
[2] For subject-matter workers see the respective division; i.e., agronomy, animal industry, etc.

## VIRGINIA

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*†H. L. Price, M.S., *Dean School of Agr.*
†A. W. Drinkard, Jr., Ph.D., *Dir. of Sta.*
‡J. R. Hutcheson, M.S., *Dir. of Agr. Ext. Div.*

**Agronomy:**

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‡W. H. Byrne, M.S., *Ext. Assoc. Agron.*
‡W. H. Daughtrey, M.S., *Ext. Asst. Agron.*
†A. L. Grizzard, M.S., *Asst. Agron.*
*†M. S. Kipps, M.S., *Asst. Prof. and Asst. Agron.*
†‡S. S. Obenshain, Ph.D., *Asst. Agron. in charge Soil Survey.*
*†N. A. Pettinger, Ph.D., *Asst. Prof. and Assoc. Agron.*
*†Edward Shulkcum, M.S., *Asst. Prof. and Asst. Agron.*

**Animal Industry:**

††W. D. Saunders, *Dairy and Cheese Specialist.*
*†R. E. Hunt, M.S., *Prof. An.Husb.; An. Husb.*
*†C. W. Holdaway, M.S., *Prof. Dairy Husb.; Dairy Husb.*
*E. J. Albert, *Instr. Poultry Husb. and Supt. Poultry Plant.*
*†R. L. Bryant, Ph.D., *Asst. Prof. and Asst. Poultry Husb.*
‡R. G. Connelly, M.S., *Dairy Specialist.*
‡A. L. Dean, B.S., *Ext. Poultry Husb.*
‡R. W. Dickson, B.S., *Ext. Asst. Dairy Husb.*
‡G. C. Herring, B.S., *Ext. An. Husb.*
‡Bessie M. Hodsden, *Asst. Poultry Specialist.*
‡K. E. Litton, B.S., *Ext. Asst. An. Husb.*
‡H. L. Moore, M.S., *Poultry Husb. Specialist.*
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*‡P. M. Reaves, M.S., *Instr. Dairy Husb., Dairy Mfg. Specialist.*
‡W. P. Sadler, B.S., *Asst. Dairy Specialist.*
*Paul Swaffar, B.S., *Instr. An. Husb.*

**Botany and Plant Pathology:**

†S. A. Wingard, Ph.D., *Head of Dept.*
‡James Godkin, M.S., *Ext. Assoc. Plant Path.*
†A. B. Groves, Ph.D., *Asst. Plant Path.*
†R. G. Henderson, M.S., *Asst. Plant Path.*
†R. H. Hurt, M.S., *Asst. Plant Path.*
*A. B. Massey, M.S., *Assoc. Prof. Plant Path. and Bact.*
†G. M. Shear, Ph.D., *Asst. Plant Path.*
*H. S. Stahl, M.S., *Prof. Bot.*

**Chemistry (Agr.):**

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†J. F. Eheart, M.S., *Asst. Chem.*
†H. H. Hill, M.S., *Assoc. Chem.*
*J. B. Lucas, M.S., *Assoc. Prof. Chem.*

**Economics (Agr.) and Rural Sociology:**

*††H. N. Young, Ph.D., *Head of Dept.*
†W. E. Garnett, Ph.D., *Rural Sociol.*
‡K. N. Ellis, *Ext. Asst. Agr. Econ.* (*P.O., Petersburg*).
†J. M. Ellison, Ph.D., *Field Asst. in Rural Sociol.* (*Coop. with Va. State College for Negroes*).
††P. L. Fletcher, M.S., *Asst. Agr. Econ.*
*‡B. L. Hummel, B.S., *Prof. and Specialist in Rural Sociol.*
††J. L. Maxton, M.S., *Asst. Agr. Econ.*
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†J. J. Vernon, M.S., *Agr. Econ.*
‡G. H. Ward, Ph.D., *Ext. Assoc. Agr. Econ.*

**Editorial:**

*‡E. R. Price, *Assoc. Prof. Agr. Journalism, Editor.*

**Education (Agr.):**

*E. C. Magill, M.S., *Prof. Agr. Ed.*
*W. B. Coggin, A.M., *Prof. Ed.*
*H. C. Groseclose, M.S., *Prof. Agr. Ed.*
*H. W. Sanders, M.S., *Assoc. Prof. Agr. Ed.*

**Engineering (Agr.):**

‡C. E. Seitz, *Agr. Engin. Head of Dept.*
‡H. H. Gordon, B.S., *Asst. Agr. Engin.*
*V. R. Hillman, M.S., *Assoc. Prof. Agr. Engin.*
*†P. B. Potter, B.S.C.E., A.E., *Assoc. Prof. and Assoc. Agr. Engin.*
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**Entomology:**

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†W. S. Hough, Ph.D., *Ent.* (*P.O., Winchester*).
†G. W. Underhill, M.S., *Assoc. Ent.*
†E. L. Wood, B.S., *Asst. Ent.* (*P.O., Charlottesville*).
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**Extension (Admin.):**[1]

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‡Maude E. Wallace, *State Home Dem. Agt.*
‡G. A. Elcan, *State Club Agt.*
‡Hallie L. Hughes, B.S., *State Girls' Club Agt.*

**Forestry:**

‡J. W. O'Byrne, B.A., M.F., *Ext. For.*

**Home Economics:**

†Ilena M. Bailey, B.S., *Home Econ.*
‡Janet L. Cameron, M.S., *Foods and Nutr. Specialist.*
*‡Mrs. Mary C. McBryde, *Instr. Design and Specialist in Landsc. Gard.*
‡Mary B. Settle, B.S., *Home Improvement Specialist.*
‡Cymbel Taylor, M.A., *Clothing Specialist.*

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*‡L. B. Dietrick, M.S., *Assoc. Prof. Hort. and Specialist in Veg. Gard.*
†F. W. HofMann, Ph.D., *Assoc. Hort.*
†R. C. Moore, M.S., *Asst. Hort.*
*‡A. H. Teske, M.S., *Assoc. Prof. and Ext. Assoc. Hort.*
‡D. A. Tucker, B.S., *Ext. Asst. Hort.*
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*††L. E. Starr, D.V.M., Ph.D., *Asst. Prof. Zool. and An. Path.; Asst. An. Path.*
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**Miscellaneous:**

*†Mrs. A. P. Cunningham, *Asst. Libr. in charge Agr. Sect.*
*††C. I. Wade, *Treas.* (*P. O., Christiansburg*).

**Substations:**

T. B. Hutcheson, M.S., *Supervisor.*
Appomattox County Station, *P.O., Appomattox*—B. G. Anderson, B.S., *Supt.*

[1] For subject-matter workers see the respective division; i.e., agronomy, animal industry, etc.

**Substations**—Continued.

Augusta County Station, *P.O., Fishersville*—P. T. Gish, M.S., *Supt.*
Caroline County Station, *P.O., Bowling Green*—W. W. Green, *Supt. and Supvr. of Tobacco Invest. (Coop. U.S.D.A.).*
Charlotte County Station, *P.O., Charlotte Court House*—H. C. Marshall, *Supt.*

**Substations**—Continued.

James City County Station, *P.O., Williamsburg*—R. P. Cocke, *Supt.*
Nansemond County Station, *P.O., Holland*—E. T. Batten, B.S., *Supt.*
Pittsylvania County Station, *P.O., Chatham*—T. L. Copley, M.S., *Supt.*
Washington County Station, *P.O., Glade Spring*—W. R. Perkins, M.S., *Supt.*

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†L. D. Anderson, A.M., *Asst. Ent.*
†L. W. Brannon, B.S., *Asst. Ent. (Coop. U.S.D.A.).*
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†R. L. Carolus, M.S., *Assoc. Hort.*
†H. T. Cook, Ph.D., *Plant Path.*
†G. R. Gardner, *Hort. Foreman.*
†J. B. Hester, Ph.D., *Soil Tech.*
†H. M. Mears, *Foreman, Eastern Shore Expt. Farm (P.O., Onley).*
†M. M. Parker, M.S., *Hort.*
†Florence Shelton, B.S., *Lab. Asst.*
†W. O. Strong, B.S., *Supt., Eastern Shore Expt. Farm (P.O., Onley).*
†H. G. Walker, Ph.D., *Ent.*

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*J. L. Lockett, M.S., *Dir. Div. of Agr.*

*T. N. Baker, A.M., *Prof. Chem.*
*Willie L. Campbell, B.S., *Instr. Foods.*
*M. T. Carter, B.S., *Instr. Shop and in charge Poultry Plant.*
*R. C. Howard, M.S., *Prof. Biol.*
*Mrs. Mary E. V. Hunter, M.S., *Head Dept. of Home Econ.*
*Reuben McDaniel, M.S., *Prof. Phys.*
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*G. W. Owens, B.S., *Prof. Agr. Ed. and Teacher Training.*
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*Alpha S. Rogers, B.S., *Libr.*
*J. E. Settle, Jr., M.S., *Asst. Prof. An. Husb.*
*J. R. Thomas, M.S., *Assoc. Prof. Agr. Ed.*
*E. G. Trigg, V.M.D., M.S., *Assoc. Prof. Bact. and Vet. Med.*
*C. J. Wartman, B.S., *Farm Mgt.*
*Cleopatra L. White, M.S., *Assoc. Prof. Clothing.*

## VIRGIN ISLANDS

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## WASHINGTON

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‡F. E. Balmer, B.S., *Dir. of Ext. Service*

**Agronomy:**

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†O. E. Barbee, M.S., *Asst. in Farm Crops.*
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*†A. L. Hafenrichter, Ph.D., *Asst. Prof. and Asst. in Farm Crops.*
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†L. C. Wheeting, Ph.D., *Assoc. in Soils.*

**Animal Husbandry:**

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*†Ralph McCall, M.S., *Instr. and Asst. An. Husb.*
‡H. G. McDonald, M.S., *Ext. An. Husb.*
*†Jerry Sotola, M.S., *Asst. Prof. and Asst. An. Husb.*

**Bacteriology:** [1]

*Victor Burke, Ph.D., *Head of Dept.*
*W. A. Buice, M.D., D.P.H., *Asst. Prof. Bact.*
*D. L. Martin, M.D., *Instr. Bact.*

[1] Courses given in College of Sciences and Arts.

**Bacteriology**—Continued.
*†C. C. Prouty, M.S., *Instr. Bact.; Assoc. Dairy Bact.*
*R. F. E. Stier, M.D., *Instr. Bact.*
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**Botany:** [1]
*F. L. Pickett, Ph.D., *Head of Dept., Dean of Grad. School.*
*Hannah C. Aase, Ph.D., *Asst. Prof. Bot.*
*E. R. Bogusch, M.A., *Instr. Bot. and Taxonomy.*
*H. F. Clements, Ph.D., *Asst. Prof. Plant Physiol.*

**Chemistry:** [1]
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†J. L. St. John, Ph.D., *Head Div. of Chem. (State Chem.).*
*W. E. Bradt, Ph.D., *Asst. Prof. Chem.*
*C. M. Brewster, A.M., *Prof. Org. Chem.*
*H. L. Cole, M.S., *Asst. Prof. Chem.*
*R. P. Cope, M.S., *Assoc. Prof. Anal. and Agr. Chem.*
*J. L. Culbertson, Ph.D., *Asst. Prof. Chem.*
*R. W. Gelbach, Ph.D., *Asst. Prof. Chem.*
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*†C. C. Prouty, M.S., *Instr. and Assoc. Dairy Bact.*

**Economics**—See **Farm Management.**

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*G. C. Starlund, B.A., *Editor of Coll. Pubs.*
‡W. D. Staats, A.B., B.Litt., *Ext. Editor.*

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**Entomology**—See **Zoology.**

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*Catherine T. Bryden, M.A., *Asst. Prof. Home Econ. Ed.*
*Ethel Clarke, M.A., *Assoc. Prof. Institution Econ.*
‡Gladys Gallup, B.S., *Ext. Econ., Home Mgt.*
*Stella M. Heywood, M.A., *Instr. Foods.*
‡Lois Holderbaum, B.S., *Clothing Specialist.*
*Mrs. Nellie B. Howard, B.A., *Instr. Textiles and Clothing.*
*Alice Newbill, M.S., *Instr. Institution Econ. and Asst. Dietitian.*
*Doris V. Phillips, B.S., *Instr. Institution Econ. and Asst. Dietitian.*
†Evelyn H. Roberts, M.S., *Research Specialist in Home Mgt.*
*Helen K. Robson, M.A., *Asst. Prof. Textiles and Clothing.*
†V. Enid Sater, M. S., *Research Specialist in Equipment.*
*Mrs. Eva S. Williams, M.A., *Dir. of Child Development and Parent Ed.*

**Horticulture:**
*†E. L. Overholser, Ph.D., *Head of Dept. and Div. of Hort.*
†L. L. Claypool, M.S., *Research Asst. in Hort.*
*J. R. Herman, M.S., *Instr. Landsc. Gard. and Flor.*
*†O. M. Morris, M.S., *Prof. Hort.; Hort.*
†F. L. Overley, M.S., *Assoc. Hort. (P.O., Wenatchee).*
†C. D. Schwartze, B.S., *Research Asst. in Hort.*
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**Plant Pathology:**
*†F. D. Heald, Ph.D., *Head of Dept. and Div. of Plant Path.*
*G. A. Huber, Ph.D., *Asst. in Plant Path.*
*†L. K. Jones, Ph.D., *Assoc. Prof. and Assoc. Plant Path.*

**Poultry Husbandry:**
*†J. S. Carver, B.S., *Head of Dept. and Div. of Poultry Husb.*
*†Donald Brazie, M.S., *Instr. and Asst. in Poultry Husb.*
‡W. D. Buchanan, B.S., *Ext. Poultryman.*

**Veterinary Medicine:**
*E. E. Wegner, D.V.S., B.S., *Dean Coll. of Vet. Med. and Prof. Surg.*
*N. G. Covington, V.M.D., *Asst. Prof. Physiol. and Pharmacol.*
†C. M. Hamilton, D.V.M., *Asst. Vet. (P.O., Puyallup).*
†J. W. Kalkus, D.V.S., *Vet. (P.O., Puyallup).*
*G. W. McNutt, D.V.M., *Asst. Prof. Vet. Anat.*
*W. J. Pistor, D.V.M., B.S., *Actg. Asst. Prof. Vet. Med.*
†C. E. Sawyer, D.V.M., *Research Vet. (P.O., Puyallup).*
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**Zoology:** [1]
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†A. J. Hanson, M.S., *Asst. Ent. (P.O., Puyallup).*
*R. F. MacLennan, Ph.D., *Asst. Prof. Zool.*
†James Marshall, M.S., *Asst. Ent. (P.O., Wenatchee).*
*Arthur Svihla, Ph.D., *Asst. Prof. Zool. and Curator of Museum.*

**Substations:**
Adams Branch Sta., *P.O., Lind*—
H. M. Wanser, M.S., *Supt.*
Cranberry Lab., *P.O., Longbeach*—
D. J. Crowley, B.S., *Specialist in Cranberry Invest.*

[1] Courses given in College of Sciences and Arts.
[2] For subject-matter workers see the respective division; i.e., agronomy, animal husbandry, etc.

**Substations**—Continued.

Irrig. Branch Sta., *P.O., Prosser*—
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C. A. Larson, Ph.D., *Specialist in Irrig. Invest.* (*Coop. U.S.D.A.*).
Pacific NW. Soil Erosion Sta. (Coop. U.S. D.A.), *P.O., Pullman*—
W. A. Rockie, B.S., *Supt.*
P. C. McGrew, B.S., *Agr. Engin.*
A. J. Johnson, *Agt.*

**Western Washington Station,** *P.O., Puyallup:*

J. W. Kalkus, D.V.S., *Supt.*
G. E. Bearse, B.S., *Asst. Poultryman.*
M. S. Grunder, M.S., *Agron.*
C. M. Hamilton, D.V.M., *Asst. Vet.*
A. J. Hanson, M.S., *Ent.*
R. E. Hodgson, M.S., *Dairy Husb.* (*Coop. U.S.D.A.*).
M. W. Miller, M.S., *Poultryman.*
C. E. Sawyer, D.V.M., *Poultry Research Vet.*
Verne E. Smith, *Lab. Asst.*

## WEST VIRGINIA

### College of Agriculture and Agricultural Experiment Station of West Virginia University
*Morgantown*

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*J. R. Turner, Ph.D., LL.D., *President of University*
*††F. D. Fromme, Ph.D., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext.*
‡J. O. Knapp, B.S., *Asst. Dir. of Agr. Ext.*

**Agronomy and Genetics:**

*†‡R. J. Garber, Ph.D., *Head of Dept.*
‡R. J. Friant, B.S., *Agron. Specialist.*
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†T. C. McIlvaine, Ph.D., *Asst. Agron.* (*Coop. U.S.D.A.: P.O., Lakin*).
*†W. H. Pierre, Ph.D., *Assoc. Prof. and Assoc. Agron.*
*†G. G. Pohlman, Ph.D., *Asst. Prof. and Asst. Agron.*
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**Animal Husbandry:**

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*††C. V. Wilson, M.S., *Asst. Prof. and Asst. An. Husb.*

**Biology:**

*†C. R. Orton, Ph.D., *Head of Dept. Prof. Plant Path.*
*Nellie P. Ammons, A.M., *Instr. Bot.*
†Anthony Berg, M.S., *Assoc. Plant Path.*
*†Hazel C. Cameron, M.A., *Asst. Prof. Physiol. and Nutr.; Research Specialist in Nutr.*
*E. L. Core, M.A., *Instr. Bot.*
*L. R. Gribble, M.S., *Instr. Zool.*
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†F. J. Schneiderhan, Ph.D., *Assoc. Plant Path.* (*P.O., Kearneysville*).
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*P. D. Strausbaugh, Ph.D., *Prof. Bot.*
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**Chemistry (Agr.):**

*†R. B. Dustman, Ph.D., *Head of Dept.*
†I. J. Duncan, M.S., *Asst. in Agr. Chem.*
†T. B. Leith, M.A., *Asst. Chem.*
†A. H. Van Landingham, M.S., *Asst. in Agr. Chem.*
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**Dairy Husbandry:**

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‡J. V. Hopkins, M.S., *Dairy Specialist.*
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[1] For subject-matter workers see the respective division: i.e., agronomy, animal husbandry, home economics, etc.

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Cheyenne Expt. Farm, *P.O., Cheyenne*—A. L. Nelson, M.S., *Supt.*
Fremont County Expt. Farm, *P.O., Lander*—J. M. Steinbrech, *Supt.*
Goshen County Expt. Farm, *P.O., Torrington*—Wesley Roath, M.S., *Supt.*
Lincoln County Expt. Farm, *P.O., Afton*—R. J. Hyer, B.S., *Supt.*
Sheridan Expt. Farm, *P.O., Sheridan*—R. S. Towle, B.S., *Supt.*
Sweetwater County Expt. Farm, *P.O., Eden*—S. F. Martin, B.S., *Supt.*
Uinta County Expt. Farm, *P.O., Lyman*—T. J. Brough, *Supt.*
Washakie County Expt. Farm, *P.O., Worland*—A. S. Ingraham, B.S., *Supt.*

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Hale, W. J., Jr., 70b.
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Smith, Mrs. M. H., 80a.
Smith, M. L., 45a.
Smith, M. M., 46a.
Smith, M. R. (Kans.), 25b.
Smith, M. R. (Miss.), 40b.
Smith, O. (La.), 29a.
Smith, O. (N.Y.), 52b.
Smith, O. M., 59b.
Smith, P. H., 32a.
Smith, P. W., 31b.
Smith, R. C., 25b.
Smith, R. E., 7b.
Smith, Mrs. R. G., 51a.
Smith, R. H., (Calif.), 6b.
Smith, R. H. (M.I.T.), III.
Smith, R. M., 4a.
Smith, Mrs. R. M., 4b.
Smith, R. S., 17a.
Smith, R. W., 56b.
Smith, R. W., Jr., 74a.
Smith, S. F., 43b.
Smith, S. G., 42b.
Smith, S. L., II.
Smith, T. L., 29a.
Smith, T. O., 46a.
Smith, V. E., 78b.
Smith, W. A., 19b.
Smith, W. T., Jr., 69a.
Smith, W. W., 19a.
Smith, Z. M., 19b.
Smits, B. L., 25a.
Smurthwaite, G. H., 25b.
Smyth, J. R., 29b.
Snapp, R. R., 17b.
Snell, M. E., 32a.
Snell, M. G., 28a.
Snider, H. J., 17a.
Snipes, L. F., 44b.
Snodgrass, G. L., 28b.
Snodgrass, R. J., 2a.
Snow, J. C., 69a.
Snow, O. L., 36a.
Snuggs, R. E., 71a.
Snyder, A. H., 31b.
Snyder, Mrs. E. B., 45a.
Snyder, G. B., 33b.
Snyder, L. B., 44b.
Snyder, L. H., 58b.
Snyder, R. S., 16a.
Snyder, R. W., 71a.
Snyder, W. C., 7b.
Snyder, W. P., 45b.
Snyder, W. T., 29a.
Solheim, W. G., 81a.
Solis, M., 50b.
Somers, L. A., 18b.
Sommer, A. L., 1a.
Sommer, H. H., 79b.
Sommerfeld, E., 56b.
Sondergaard, H. T., 79b.
Sorenson, C. J., 74a.
Sotola, J., 76b.
Soule, H. W., 74b.
Southerland, D. P., 55b.
Southwell, B. L., 14a.
Soxman, R. C., 39b.
Spaeth, J. N., 51b.
Spangler, C. R., 70b.
Spangler, R. C., 78a.
Spann, W. J., 67b.
Spaulding, H. C., 30b.
Spaulding, M. F., 55a.
Spaulding, M. H., 43b.
Spearin, L. M., 30b.
Spears, H. D., 28b.
Speer, Mrs. E. L., 70a.
Spellman, C. L., 55b.
Spelman, A. F., 32b.
Spence, H. L., Jr., 16a.
Spencer, A. P., 11a, 12a.
Spencer, F. W., 29a.
Spencer, G. E., 19b.
Spencer, L., 50b.
Spencer, L. H., 1b.
Spencer, V. E., 45a.
Sperry, A. B., 26b.
Sperry, J. A., 63b.
Sperry, R. E., 45a.
Spike, E. M., 62b.
Spinney, L. B., 24a.
Spitler, J. C., 18a.
Spitzer, G., 19b.
Spohn, B. B., 57a.
Sprague, D. C., 63b.
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Sprague, P. K., 64a.
Sprague, R., 61b.
Springer, Mrs. C., 70b.
Sproul, R. G., 5a.

Spurrier, F. M., 6b.
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Stafseth, H. J., 36b.
Stahl, A. L., 12b.
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Stair, E. C., 20b.
Staker, E. V., 50a.
Stakman, E. C., 38b.
Stanford, J. S., 74a.
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Stange, C. H., 24a.
Stanley, E. B., 3a.
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Stapleton H. N., 63b.
Starch, E. A., 43a.
Starin, F. A., 9a.
Stark, C. N., 50b.
Stark, Mrs. P. W., 50b.
Starke, R. R., 46b.
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Starkey, L. V., 66a.
Starkey, R. L., 48b.
Starlund, G. C., 77a.
Starr, G. H., 81a.
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Starr, S. H., 14a.
Starrak, J. A., 22b.
Starring, C. C., 43b.
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Steen, E. B., 19a.
Steenbergen, W. A., 3a.
Steenbock, H., 79b.
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Steffens, H. W., 16b.
Stegner, W. D., 38a.
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Steinbrech, J. M., 82b.
Steininger, G., 60b.
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Stelzer, R. O., 78b.
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Stene, A. E., 66b.
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Stewart, C. L., 17b.
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Stewart, Mrs. M. L., 30b.
Stewart, O. M., 42a.
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Stewart, R. M., 51a.
Stewart, R. T., 70a.
Stewart, S., 29b.
Stewart, T. G., 8a.
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Stier, R. F. E., 77a.
Stiles, C. F., 60a.
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Strickland, G., 62b.
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Strommen, A. M., 81b.
Strong, F. C., 34a.
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Strong, F. M., 79b.
Strong, L. A., III.
Strong, V. A., 49b.
Strong, W. O., 76b.
Strubinger, L. H., 11b.
Struble, E. B., 50b.
Stuart, H. O., 65a.
Stuckey, H. P., 14a.
Studley, L. A., 38b.
Sturgis, M. B., 28a.
Sturkie, D. G., 1a.
Sturlaugson, V., 56b.
Sturtevant, A. P., 81b.
Sudds, R. H., 64b.
Sugg, R. S., 1a.
Sullivan, G. M., 28b.
Sullivan, J., 71b.
Sullivan, J. T., 20b.
Sullivan, L. M., 23b.
Sulzby, Mrs. J. J., 40a.
Summers, O. N., 81a.
Summers, T. H., 8b.
Sumner, W. A., 80b.
Sunderlin, G. L., 20b.
Suneson, C. A., 44a.
Supplee, W. C., 31a.
Sure, B., 4a.
Surr, J. G., 7b.
Sussex, S. W., 69b.
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Sutton, G. M., 51a.
Sutton, T. S., 56b, 58b.
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Swanback, T. R., 11b.
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Swanson, C. O., 26a.
Swanson, L. V., 23b.
Swanson, P. P., 23b.
Swartwout, H. G., 42a.
Swartz, D., 4b.
Swartzlow, C. R., 41b.
Sweet, M. B., 16b.
Sweetman, H. L., 33a.
Sweetman, Mrs. M. D., 30b.
Swenk, M. H., 44b.
Swenson, A. C., 42a.
Swift, H. C., 29a.
Swift, R. W., 63a.
Swingle, D. B., 43a.
Swingle, H. S., 2b.
Swinney, H. J., 23b.
Swope, W. D. (N.Y.), 52b.
Swope, W. D. (Pa.), 63b.
Sykes, J. D., 40b.
Symons, T. B., 30a.
Szymoniak, B., 29b.

Taberner, F. R., 26b.
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Tabor, E. C., 34a.
Tabor, P., 13a.
Taff, P. C., 22b.
Taggart, W. G., 28a, 29b.
Tague, W. H., 32b.
Tailby, G. W., 50a.
Takahashi, M., 15a.
Talbert, E. H., 67a.
Talbert, M. C. A., 2b.
Talbert, T. J., 42a.
Talbot, N. A., 60b.
Talbot, R. F., 29b.
Taliaferro, W. T. L., 31b.
Tanner, Mrs. A. L., 40b
Tanner, J. E., 40a.
Tanquary, M. C., 38a.
Tapley, W. T., 53b.
Tarr, W. A., 41b.
Tarrant, L., 74b.
Tate, H. D., 24b.
Taubenhaus, J. J., 72a.
Tavernetti, J. R., 6a.
Tavernetti, T. F., 5a.
Taylor, C., 75b.
Taylor, C. A., 51b.
Taylor, C. F., 52b.
Taylor, F. W., 46a.
Taylor, G. E., 34b.
Taylor, G. S., 37a.
Taylor, H. F., 11b.
Taylor, I. A., 35b.
Taylor, J., 56b.
Taylor, J. B., 69a.
Taylor, J. C. (Mont.), 43a.
Taylor, J. C. (N.J.), 48a.
Taylor, J. E., 60b.
Taylor, J. R., 1a.
Taylor, Mrs. J. T., 27b.
Taylor, K. W., 8a.
Taylor, L. C., 62b.
Taylor, L. H., 78a.
Taylor, Mrs. L. R., 26b.
Taylor, L. W., 7b.
Taylor, M. F., 26a
Taylor, M. W., 47a.
Taylor, R. W., 2a.
Taylor, T. G., 73b.
Taylor, T. I., 16a.
Taylor, W. P., 3a.
Teal, E. E., 57b.
Tear, J. F., 35b.
Temple, C. E., 31a.
Templeton, W. A., 39a.
Templin, E. H., 72a.
Tennant, J. L., 66a.
Tenny, R. W., 36b.

Tepper, A. E., 46b.
Termohlen, W. D., 22a.
Terras, Mrs. A. E., 37b.
Terrell, W. G., 28b.
Terrill, B. M., 74b.
Terry, G. S., 28a.
Teske, A. H., 75b.
Test, L. A., 19b.
Tetrault, P. A., 19a.
Teutsch, W. L., 62a.
Thaden, J. F., 36a.
Thalman, R. R., 44a.
Tharp, W. H., 50b.
Thatcher, L. E., 58a.
Thauer, M. H., 79b.
Thayer, C. H., 32a.
Thayer, C. L., 33b.
Thayer, J. W., Jr., 35a.
Theophilus, D. R., 16a.
Thies, W. H., 33b.
Thiessen, E. J., 82a.
Thomas, B. H., 21a, b.
Thomas, C. A., 64b.
Thomas, E. E., 5b.
Thomas, F. L., 71b.
Thomas, Harold E., 7b.
Thomas, Harvey, E., 7b.
Thomas, J. J., 63b.
Thomas, J. L. (Neb.), 44b.
Thomas, J. L. (Tex.), 71a.
Thomas, J. R., 76b.
Thomas, M. E., 54b.
Thomas, Mrs. M. L., 52a.
Thomas, R., 15b.
Thomas, R. C., 58b.
Thomas, R. P., 30b.
Thomas, W., 63b.
Thomas, W. P., 73a.
Thomasson, R. R., 41a, b.
Thompson, B. G., 62a.
Thompson, Mrs. B. P., 2b.
Thompson, C. P., 59b.
Thompson, E. J., 55a.
Thompson, F. E., 70b.
Thompson, H. C., 52a.
Thompson, M. J., 37b, 39b.
Thompson, M. M., 47b.
Thompson, O. A., 56b.
Thompson, P. K., 82b.
Thompson, R. B., 60b.
Thompson, R. E., 47b.
Thompson, R. L., 28b.
Thompson, S., 29a.
Thompson, S. H., 22a.
Thompson, W. C., 48a, b.
Thompson, W. J., 39a.
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Thompson, W. W., 36b.
Thomsen, F. L., 41a.
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Thordarson, T. W., 56a.
Thorfinnson, T. S., 68a.
Thornber, J. B., 16b.
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Thorne, C. E., 58a.
Thornton, B. J., 8a.
Thornton, C. J., 45a.
Thornton, M. H., 20b.
Thornton, S. F., 20b.
Thorp, F., Jr., 17b.
Thorpe, G. A., 35a.
Threlkeld, W. L., 75b.
Thrift, P. E., 4a.
Throckmorton, R. I., 24a.
Thrun, F. M., 34b.
Thurmond, M. F., 71b.
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Thurston, A. S., 31b.
Thurston, H. W., Jr., 63a.
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Tidd, W. M., 58b.
Tidmore, J. W., 1a.
Tiebout, G. L., 29b.
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Tirrell, L. V., 46a.
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Tissot, A. N., 12a.
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Tobey, E. R., 30a.
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Todd, A. E., 18a.
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Toenjes, W., 36b.
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Tolley, H. R., 5a, b.
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Trotter, I. P., 41b.
Trout, C. E., 60b.
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## TITLES AND SERIES OF PUBLICATION SINCE THE FIRST ISSUE IN 1889

Organization of the Agricultural Experiment Stations in the United States. 1889. (Published as U.S. Dept.Agr., Off. Expt. Stas. Bul. 1.)

Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges in the United States. 1890. (U.S.Dept.Agr., Off. Expt. Stas. Bul. 5.)

Organization Lists of the Agricultural Experiment Stations in the United States. 1891. (U.S.Dept.Agr., Off. Expt. Stas. Circ. 20.)

Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges. 1892, 1893, 1894. (U.S.Dept.Agr., Off. Expt. Stas. Buls. 12, 13, 19.)

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1917–18.

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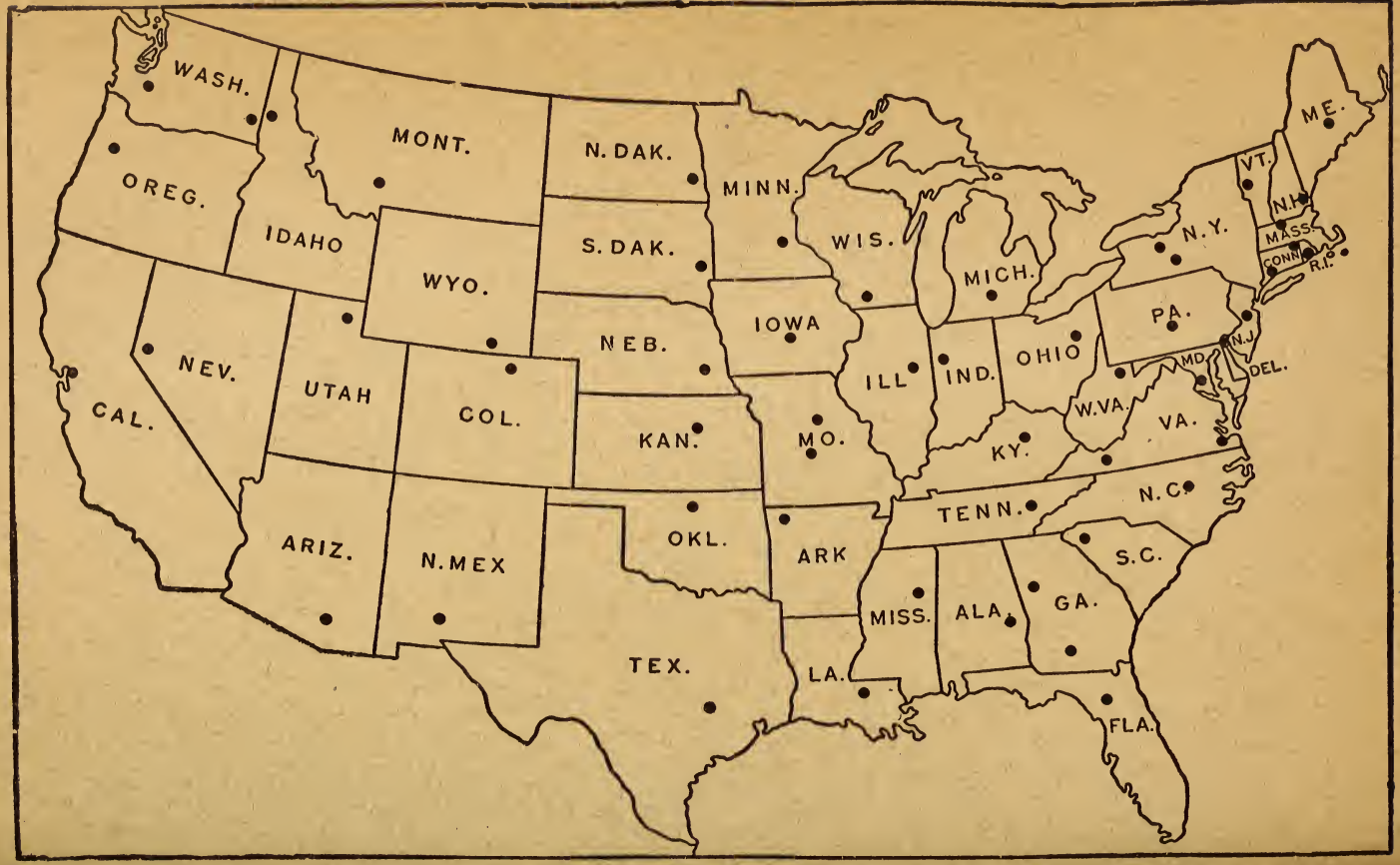
1933–34. Misc. Pub. 180.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